

Distributed Energy Resources

Weekly Summary of Events

www.eren.doe.gov/der

July 14, 2000

What's News With DER?

DOE News

- ✓ On July 12, Arthur D. Little launched *DG 2000*, a program that brings together leading energy service providers, equipment manufacturers, regulators and the Department of Energy to actively pursue the potential of Distributed Generation (DG) as a cost-effective and reliable energy source. *DG 2000* is a forum for Arthur D. Little's technology, energy industry, and product commercialization experts to work with participants to exchange information and ideas. The program includes workshops with utility regulators and white papers on critical DG issues. The first meeting was held on June 29; DOE and a dozen entities are already participating in the program.
A.D. Little, July 12
- ✓ The Office of Power Technologies (OPT) Analytic Team met with Energetics, Distributed Utility Associates, and Northeast Midwest Institute to discuss their capabilities. Participants highlighted recent projects for the DER team, Combined Heat and Power Program, the Office of Energy Efficiency and Renewable Energy, other DOE offices and the private sector. Future plans include an effort to help the OPT Analytic Team scope out new tasks that support their non-generation metrics, GPRA, and benchmarking activities.
- ✓ On July 14, the Distributed Energy Resources (DER) Task Force held a Brown Bag Seminar, pertaining to residential combined heat and power. Andreas Deppe, a Doctoral Student at George Washington University, and Tina Kaarsberg gave a preview of a paper to be presented next month at the American Council for an Energy Efficient Economy Summer Study on Buildings in California. The paper refines and extends earlier methodology used in assessments of small-scale CHP for commercial buildings, to homes.
- ✓ On July 13, the Natural Gas-Renewable Energy Alliance was announced. Secretary of Energy Bill Richardson, Assistant Secretary for Energy Efficiency and Renewable Energy Dan Reicher and members of the DER Task Force joined members of Congress and energy industry leaders for the briefing. The alliance was formed to speed the deployment of efficient, low emission and environmentally sound energy technologies.

Industry News

- ✓ Honeywell International, Inc. is considering an eventual spinoff of its small-turbogenerator business to shareholders as a way to potentially increase its lagging share price, which is down 46% in the past year. Honeywell Power Systems, Inc. of Albuquerque, NM has been selling its Parallon 75 turbogenerator since March. Investors have shown increasing interest in the micro-power business in recent months. Shares of Capstone Turbine Corp. tripled when they went public in June, and shares of Plug Power, Inc. have nearly tripled since its initial public offering in October 1999.
Energy Central Daily Electric Power News, July 12
- ✓ FuelCell Energy, Inc. announced July 13 that the company has been awarded a \$40 million increase and three-year extension of their agreement under the DOE Office of Fossil Energy's Carbonate Fuel Cell Cooperative Program. The current funding level is approximately \$144 million including FuelCell Energy's cost share. FuelCell Energy has developed 300 kW, 1.5 MW, and 3 MW class fuel cell power plant products that are planned for delivery to commercial customers in the second half of 2001 and 2002.
FuelCell Energy website press release, July 13 (www.fce.com)
- ✓ On July 7, 2000, the PJM Interconnection filed the *PJM Customer Load Reduction Pilot Program* with the Federal Energy Regulatory Commission (FERC). If approved, PJM will pay customers to reduce their loads or operate their own backup generation during times of peak demand. In return participants would become special, non-voting PJM members and ISO membership fees would be waived. PJM, the independent system operator that serves the Mid-Atlantic region, developed the pilot program in response to a May 17, 2000 FERC order that adopted interim procedures to permit sales of wholesale power from distributed power systems and existing backup generators through September 30, 2000.
PJM Interconnection website press release, July 7 (www.pjm.com)

Feature of the Week

The Consumer Energy Council of America Meets to Discuss White Papers

On July 11 and 12, several DER Task Force Members participated in the Consumer Energy Council of America (CECA) Distributed Energy Forum. The Forum, which was established in December 1999 will end in Fall 2000, represents considerable diversity of opinion regarding distributed energy issues. This is the third of four meetings of the Forum, which is chaired by former DOE Deputy Secretary Charles Curtis. Under Secretary Ernest Moniz is Vice Chair of the Forum and Chair of the Technology Subcommittee.

The Technology Subcommittee and the other two Subcommittees on Impacts and Regulation have produced draft white papers. The final Forum report, which will incorporate the three white papers, will be released at the last meeting of the Forum tentatively scheduled for October 10-11 2000. The Technology White Paper which was largely drafted by the DER Task Force, was reviewed at the May meeting of the Forum.

The entire morning of July 12 was devoted to a discussion of the first draft of the Regulatory White Paper. This draft provoked strong commentary from all participants. Stakeholders, including DPCA, EEI, Public Citizen and NRDC, had strong objections to various sections. DOE staff suggested adding more material on the current regulatory status of DER, building on the recently released Making Connections Report and other DER task force work.

In the afternoon, Chair of the Technology Subcommittee, Ernest Moniz, described how he brought together members of the DOE, NREL, EPRI, GRI, and CECA as a vetting committee on the Technology Chapter of the final report. The DER Task Force members involved in preparing the first white paper draft were Tina Kaarsberg, Tom King and Joe Galdo. Although the first draft had more information on technologies supported under the DER task force, Moniz and the vetting committee are taking care not to advocate for any particular technology or for DER in general. Moniz also presented a list of revisions that were subsequently approved by CECA. Three technology policy recommendations involving standardization, R&D and quantification of DER benefits were re-worded. The subcommittee plans to have a rewritten draft addressing all the suggested changes by end of August. CECA will take full responsibility for the final document and the final recommendations.

There was a brief discussion of the Impacts Subcommittee white paper. Subcommittee members are reviewing the first draft; all Forum members can obtain a copy by contacting CECA director Jamie Wimberly.

Calendar of Future Events

Date	Event	Location	Other Information
JULY			
23-26	NARUC Summer Committee Meetings	Los Angeles, CA	www.naruc.org; Michelle Malloy 202-898-2214
23-28	GlobeEx 2000	Las Vegas, NV	www.globeex.com
26-28	Distributed Power Generation - Short Course	Denver, CO	www.euci.com/Conferencepdf/dpgcourse.pdf
AUGUST			
1	DER Brown Bag Series - Microturbines	Washington, DC	12:00 - 1:30 in the Forrestal bldg. 6A-018; Debbie Haught is to attend
2-4	Reliability-Based Engineering for Distributed Systems - Short Course	Denver, CO	www.euci.com/Conferencepdf/rbepdscourse.pdf
2-4	Electric Revolution II/Renewable Energy Conference	Portland, OR	www.bpa.gov/Corporate/KCC/electric_rev2/conference.htm
7-8	Green Power Conference	Denver, CO	www.eren.doe.gov/greenpower/gpmconf_5.shtml
21-23	Energy 2000	Pittsburgh, PA	www.energy2000.ee.doe.gov/
20-25	ACEEE Buildings Summer Study	Pacific Grove, CA	www.aceee.org/conf/bldindex.htm
SEPTEMBER			
6-8	Distribution Operations Reliability Summit	Portland, OR	www.powerin.org; Jo Hoglund 503-231-1994
11-12	Jamestown, NY: 16 Years of Experience with a Community Energy System- An Effective Economic Development Tool	Jamestown, NY	TBD member of DER Task force to attend Susan Jones, Jamestown Board of Public Utilities 716-661-1666
13-15	Ancillary Services Conference	Denver, CO	www.euci.com/Conferencepdf
24-27	Second National Conference of Energy and Environmental Policy Makers	St. Louis, MO	B. Richardson is invited for a keynote address www.naruc.org
25-27	The Market and Technical Outlook for Distributed Power	Arlington, VA	Dan Reicher will give a keynote presentation; www.intertechusa.com; info@intertechusa.com
27-28	International Energy and Environmental Congress '00	Milwaukee, WI	www.aeecenter.org/Shows/
OCTOBER			
1-5	Power Quality 2000	Boston, MA	www.powersystems.com; 805-650-7070
4-6	EPRI Distributed Resource Conference	Tuscan, AZ	650-855-2560; lgoldie@epri.com
10-11	Consumer Energy Council of America Distributed Energy Forum	Washington, DC	DER task force members involved in writing the white paper; www.cecraf.org/
25-29	Lake Tahoe Fuel Cell Conference	Lake Tahoe, CA	www.ttcorp.com/InfraSol/
25-27	CHP Conference and Expo (Part of the World Energy Engineering Congress 2000)	Atlanta, GA	T. Kaarsberg will be a speaker; www.aeecenter.org/Shows
30-Nov 1	Earth Technologies Forum	Washington, DC	www.earthforum.com ; earthforum@alcalde-fay.com
NOVEMBER			
12-15	NARUC 112 th Annual Convention Customer Choice: An Ocean of Possibilities	San Diego, CA	www.naruc.org
14-16	Power Gen 2000	Orlando, FL	www.powergen.com; 1-888-299-8016
15-16	NAESCO 17 th Annual Conference	Palm Springs, CA	www.naesco.org/conference.htm

